1. Passing file to container

```
seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repo
$ curl localhost
<html><body><h1>It works!</h1></body></html>

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repo
$ docker cp index.html apache:/usr/local/apache2/htdocs/

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repo
$ curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
```

2. Creating a volume and mounting to a container

```
seansom@alm MINGW64 ~/OneDrive/Docume
$ docker volume create httpd_htdocs
httpd_htdocs
```

```
seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
70e2919b53d2795a44faecb4a0727153da1eacfa20bf08b1c017b2e222d5a06a

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ docker cp index.html apache:/usr/local/apache2/htdocs/

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ curl localhost
<html><body><h1>It works in Docker!</h1></body></html>

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ docker stop apache
apache
```

3. Observing data persistence

```
seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ docker run --rm -d --name apache -p 80:80 -v httpd_htdocs:/usr/local/apache2/htdocs/ httpd:2.4
13c601845a6e903145c271a2a88bb2d62b5fad4e58c1963bc61a60ff1d9c7015

seansom@alm MINGW64 ~/OneDrive/Documents/Programming/Repositories/CoE-197-S/ME8_Containerization_
$ curl localhost
<html><body><h1>It works in Docker!</h1></body></html>
```

4. Mounting directory to container

```
C:\Users\seansom>docker run --rm -d --name apache -p 80:80 -v C:\Users\seansom\OneDrive\Documents\Programming\
Repositories\CoE-197-S\ME8_Containerization_and_Docker\5-volumes:/usr/local/apache2/htdocs/ httpd:2.4
5348dd6889875cc37bfa3d2c38d45dd3053b1d5cbef198df441861f38199306a

C:\Users\seansom>curl localhost
<html><body><h1>It works in Docker using fileshare!</h1></body></html>
```